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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended March 23, 1984 NO. 12

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/23/84	Last Week Ending: 03/16/84	Last Year Week Ending: 03/25/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,976	12,160	11,509	-184	467
Operable capacity	16,309	16,309	16,814	0	-505
Percent operated	73.4	74.6	68.4		
Motor Gasoline					
Total motor gasoline production	6,454	6,238	5,984	216	470
Finished leaded motor gasoline production	2,637	2,625	2,891	12	-254
Finished unleaded motor gasoline production	3,817	3,613	3,093	204	724
Total motor gasoline stocks	238,032	238,148	237,998	-116	34
Finished leaded motor gasoline stocks	98,341	98,158	96,451	183	1,890
Finished unleaded motor gasoline stocks	97,718	98,293	95,752	-575	1,966
Distillate Fuel Oil					
Distillate fuel oil production	2,401	2,469	2,111	-68	290
Distillate fuel oil stocks	114,817	120,112	134,098	-5,295	-19,281
Residual Fuel Oil					
Residual fuel oil production	902	905	857	-3	45
Residual fuel oil stocks	48,884	49,084	49,688	-200	-804
Imports					
Crude oil imports	3,408	3,192	2,357	216	1,051
Product imports	1,821	1,434	1,394	387	427
Crude Oil Stocks					
Crude oil stocks	324,210	329,395	354,051	-5,185	-29,841

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended March 23, 1984 NO. 12

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,111*	962*	1,013*	1,229	82.4*
Appal. No. 1	89	86	86	177	48.6
DISTRICT 1 TOTAL	1,200*	1,048*	1,099*	1,406	78.2*
Appal. No. 2	60	54	58	66	87.9
Ind., Ill., Ky.	1,915*	1,822	1,831*	2,345	78.1*
Minn., Wis., Daks.	289	275	290	296	98.0
Okla., Kans., Mo.	699	655	668	827	80.8
DISTRICT 2 TOTAL	2,963*	2,806	2,847*	3,534	80.6*
Inland Texas	541	516	533	585	91.1
Texas Gulf Coast	3,067*	2,706	2,778*	3,907	71.1*
La. Gulf Coast	2,042*	1,923*	1,947*	2,890	67.4*
N. La. and Ark.	197	179	180	286	62.9
New Mexico	84	84	84	105	80.0
DISTRICT 3 TOTAL	5,931*	5,408*	5,522*	7,773	71.0
DISTRICT 4 TOTAL	408	412	413	536	77.1
DISTRICT 5 TOTAL	2,148*	2,084*	2,095*	3,060	68.5*
TOTAL U.S.	12,650	11,758	11,976	16,309	73.4
TOTAL U.S.					
Weeks Ended:					
MAR. 16, 1984	12,765*	11,952*	12,160*	16,309	74.6
MAR. 25, 1983	12,357	11,200	11,509	16,814	68.4
DISTRICTS 1-4					
Weeks Ended:					
MAR. 23, 1984	10,502	9,674	9,881	13,249	74.6
MAR. 16, 1984	10,503*	9,798*	9,964*	13,249	75.2*
MAR. 25, 1983	10,330	9,196	9,499	13,731	69.2

*See Revisions On Page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended March 23, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	541*	200*	341	11	35	252*	99
Appal. No. 1	33	18	15	1	--	22	5
DISTRICT 1 TOTAL	574*	218*	356	12	35	274*	104
Appal. No. 2	37	16	21	2	--	11	1
Ind., Ill., Ky.	1,168*	478	690*	15	110	321	56
Minn., Wis., Daks.	163*	81	82*	3	24	61	9
Okla., Kans., Mo.	339	176	163	9	26	205	11
DISTRICT 2 TOTAL	1,707*	751	956*	29	160	598	77
Inland Texas	302	131	171	23	28	128	36
Texas Gulf Coast	1,474	575	899	44	184	460	190
La. Gulf Coast	1,103	384	719	29	227	382*	97
N. La. and Ark.	64	28	36	8	--	54	11
New Mexico	37	18	19	20	2	25	1
DISTRICT 3 TOTAL	2,980	1,136	1,844	124	441	1,049*	335
DISTRICT 4 TOTAL	199	119	80	20	17	110	12
DISTRICT 5 TOTAL	994	413	581	37	236	370	374
TOTAL U.S.	6,454	2,637	3,817	222	889	2,401	902
TOTAL U.S. Weeks Ended:							
MAR. 16, 1984	6,238*	2,625*	3,613*	233	864	2,469*	905
MAR. 25, 1983	5,984	2,891	3,093	213	856	2,111	857
DISTRICTS 1-4 Weeks Ended:							
MAR. 23, 1984	5,460	2,224	3,236	185	653	2,031	528
MAR. 16, 1984	5,324*	2,263*	3,061*	165	641	2,092*	585
MAR. 25, 1983	5,059	2,417	2,642	148	674	1,803	567

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See Revisions On Page 7

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,890	3,041	2,848	1	113	702	4,222	1,555	--
Central Atlantic	33,937	14,612	15,11	4,214	365	4,810	24,058	19,456	13,977
Lower Atlantic	24,748	12,072	12,314	362	329	3,882	13,393	4,367	504
DISTRICT 1 TOTAL	64,575	29,725	30,273	4,577	807	9,394	41,673	25,378	14,481
DISTRICT 2 TOTAL	69,823*	31,349	29,747*	8,727*	1,771	7,632	34,532	3,472	17,624
DISTRICT 3 TOTAL	68,550*	24,544*	25,174	18,832	2,217	10,370	24,801*	10,489	50,259
DISTRICT 4 TOTAL	8,765	4,011	2,303	2,451	305	714	3,104	438	2,649
DISTRICT 5 TOTAL	26,319	8,712	10,221	7,386	1,586	5,685	10,707	9,107	26,616
TOTAL U.S.	238,032	98,341	97,718	41,973	6,686	33,795	114,817	48,884	111,629
TOTAL U.S.									
Weeks Ended:									
MAR. 16, 1984	238,148*	98,138*	98,293*	41,697*	6,422	33,558	120,112*	49,084	110,408
MAR. 25, 1983	237,998	96,451	95,752	45,795	7,900	35,163	134,098	49,688	109,010
DISTRICTS 1-4									
Weeks Ended:									
MAR. 23, 1984	211,713	89,629	87,497	34,587	5,100	28,110	104,110	39,777	85,013
MAR. 16, 1984	210,962*	89,713*	87,520*	33,729*	4,542	27,585	109,040*	40,350	83,604
MAR. 25, 1983	208,796	86,655	86,001	36,140	5,733	29,377	121,734	39,528	81,332

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

NA-Not Available

*See Revisions On Page 7

WEEKLY STATISTICAL BULLETIN
Week Ended March 23, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Nov. 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 23, 1984	5,813.3	5,903.0	3,118	356	249,982
MAR. 16, 1984	5,813.3	--	3,090	221	248,899*
MAR. 9, 1984	5,813.3	--	3,604	373	250,309
MAR. 2, 1984	5,791.8	--	2,637	154	252,101
DISTRICT 5 TOTAL					
MAR. 23, 1984	2,849.3	2,834.0	290	23	74,228 ‡
MAR. 16, 1984	2,849.3	--	102	27	80,496
MAR. 9, 1984	2,849.3	--	153	20	80,099
MAR. 2, 1984	2,870.1	--	100	--	85,255
TOTAL U.S.					
MAR. 23, 1984	8,662.6	8,737.0	3,408	379	324,210 ‡
MAR. 16, 1984	8,662.6	--	3,192	248	329,395*
MAR. 9, 1984	8,662.6	--	3,757	393	330,408
MAR. 2, 1984	8,661.9	--	2,737	154	337,356
MAR. 25, 1983	8,665.0 /A	--	2,357	197	354,051

‡INCLUDES 21,920 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE Actual For March 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAR. 23, 1984	15,798	74,249	146,304	13,631	249,982	74,228 ‡	324,210 ‡
MAR. 16, 1984	14,772*	73,360*	146,744*	14,023	248,899*	80,496	329,395*
MAR. 25, 1983	14,494	81,019	158,058	15,861	269,432	84,619	354,051

[1]See definitional notes, Page 6

*See Revisions On Page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended March 23, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	--	--	--	--	--	--	--	6	--	46	47
Central Atlantic	235	98	137	--	--	79	392	7	181	104	998
Lower Atlantic	52	27	25	--	40	43	124	--	--	--	259
DISTRICT 1 TOTAL											
MAR. 23, 1984	287	125	162	--	40	122	516	13	181	150	1,309
MAR. 16, 1984	111	15	96	--	50	134	504	9	232	111	1,151
MAR. 9, 1984	180	48	132	--	39	139	445	21	98	187	1,109
MAR. 2, 1984	226	41	185	--	61	388	755	8	107	83	1,628
DISTRICTS 2-4 TOTAL											
MAR. 23, 1984	17	16	1	--	--	10	50	199	34	68	378
MAR. 16, 1984	8	2	6	--	--	6	76	115	28	8	241
MAR. 9, 1984	8	2	6	--	--	12	44	109	96	159	428
MAR. 2, 1984	20	2	18	--	--	20	60	155	272	12	539
DISTRICT 5 TOTAL											
MAR. 23, 1984	30	12	18	--	2	3	16	17	--	66	134
MAR. 16, 1984	14	4	10	--	3	3	10	5	--	7	42
MAR. 9, 1984	14	4	10	--	3	3	20	5	--	7	52
MAR. 2, 1984	10	3	7	--	5	8	18	14	--	10	65
TOTAL U.S.	334	153	181	--	42	135	582	229	215	284	1,821
TOTAL U.S. Weeks Ended:											
MAR. 16, 1984	133	21	112	--	53	143	590	129	260	126	1,434
MAR. 9, 1984	202	54	148	--	42	154	509	135	194	353	1,589
MAR. 2, 1984	256	46	210	--	66	416	833	177	379	105	2,232
MAR. 25, 1983	173	113	60	--	17	30	625	284	170	95	1,394

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: MAR. 23, 1984

REVISIONS

03/16/84	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,102
			DISTRICT 1 TOTAL	1,188
			IND., ILL., KY	1,957
			DISTRICT 2 TOTAL	2,943
			TEXAS GULF COAST	3,150
			LA. GULF COAST	1,953
			DISTRICT 3 TOTAL	5,945
			DISTRICT 5 TOTAL	2,262
			TOTAL U.S.	12,765
			DISTRICTS 1-4	10,503
		CRUDE OIL RUNS	EAST COAST	972
			DISTRICT 1 TOTAL	1,056
			LA. GULF COAST	1,888
			DISTRICT 3 TOTAL	5,493
			DISTRICT 5 TOTAL	2,154
			TOTAL U.S.	11,952
			DISTRICTS 1-4	9,798
		INPUT TO CRUDE OIL	EAST COAST	1,013
			DISTRICT 1 TOTAL	1,097
			IND., ILL., KY	1,901
			DISTRICT 2 TOTAL	2,846
			TEXAS GULF COAST	2,861
			LA. GULF COAST	1,914
			DISTRICT 3 TOTAL	5,591
			DISTRICT 5 TOTAL	2,196
			TOTAL U.S.	12,160
			DISTRICTS 1-4	9,964
		% OPERABLE	EAST COAST	82.4
			DISTRICT 1 TOTAL	78.0
			IND., ILL., KY	81.1
			DISTRICT 2 TOTAL	80.5
			TEXAS GULF COAST	73.2
			LA. GULF COAST	66.2
			DISTRICT 5 TOTAL	71.8
			DISTRICTS 1-4	75.2
	PAGE 2	TOTAL MGAS	EAST COAST	479
			DISTRICT 1 TOTAL	514
			IND., ILL., KY	1,239
			MINN., WIS., DAKS.	135
			DISTRICT 2 TOTAL	1,734
			TOTAL U.S.	6,238
			DISTRICTS 1-4	5,324
		LEADED MGAS	EAST COAST	144
			DISTRICT 1 TOTAL	162
			TOTAL U.S.	2,625

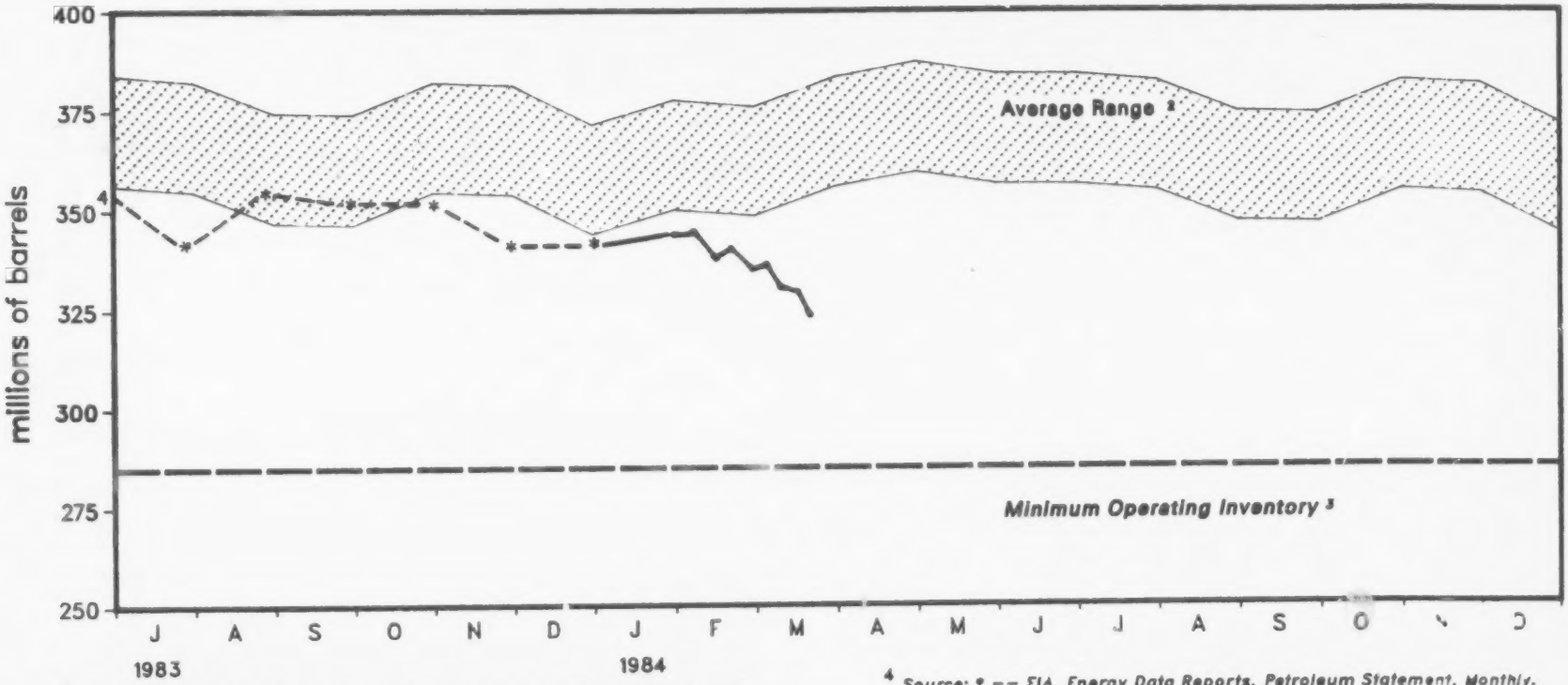
API STATISTICAL BULLETIN
WEEK ENDED: MAR. 23, 1984

REVISIONS

		DISTRICTS 1-4	2,263
	UNLEADED MGAS	IND., ILL., KY	716
		MINN., WIS., DAKS.	48
		DISTRICT 2 TOTAL	926
		TOTAL U.S.	3,613
		DISTRICTS 1-4	3,061
	DISTILLATE FUEL	EAST COAST	242
		DISTRICT 1 TOTAL	265
		LA. GULF COAST	367
		DISTRICT 3 TOTAL	1,101
		TOTAL U.S.	2,469
		DISTRICTS 1-4	2,092
PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	68,239
		DISTRICT 3 TOTAL	68,038
		TOTAL U.S.	238,148
		DISTRICTS 1-4	210,962
	LEADED MGAS	DISTRICT 3 TOTAL	24,651
		TOTAL U.S.	98,158
		DISTRICTS 1-4	89,713
	UNLEADED MGAS	DISTRICT 2 TOTAL	28,449
		TOTAL U.S.	98,293
		DISTRICTS 1-4	87,520
	BLENDING COMPS	DISTRICT 2 TOTAL	8,975
		TOTAL U.S.	41,697
		DISTRICTS 1-4	33,729
	DISTILLATE FUEL	DISTRICT 3 TOTAL	25,465
		TOTAL U.S.	120,112
		DISTRICTS 1-4	109,040
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	248,899
		TOTAL U.S.	329,395
PAGE 4 B	TOTAL	PAD DISTRICT 1	14,772
		PAD DISTRICT 2	73,360
		PAD DISTRICT 3	146,744
		TOTAL PAD DISTRICTS 1-4	248,899
		TOTAL U.S.	329,395

Week Ended: March 23, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

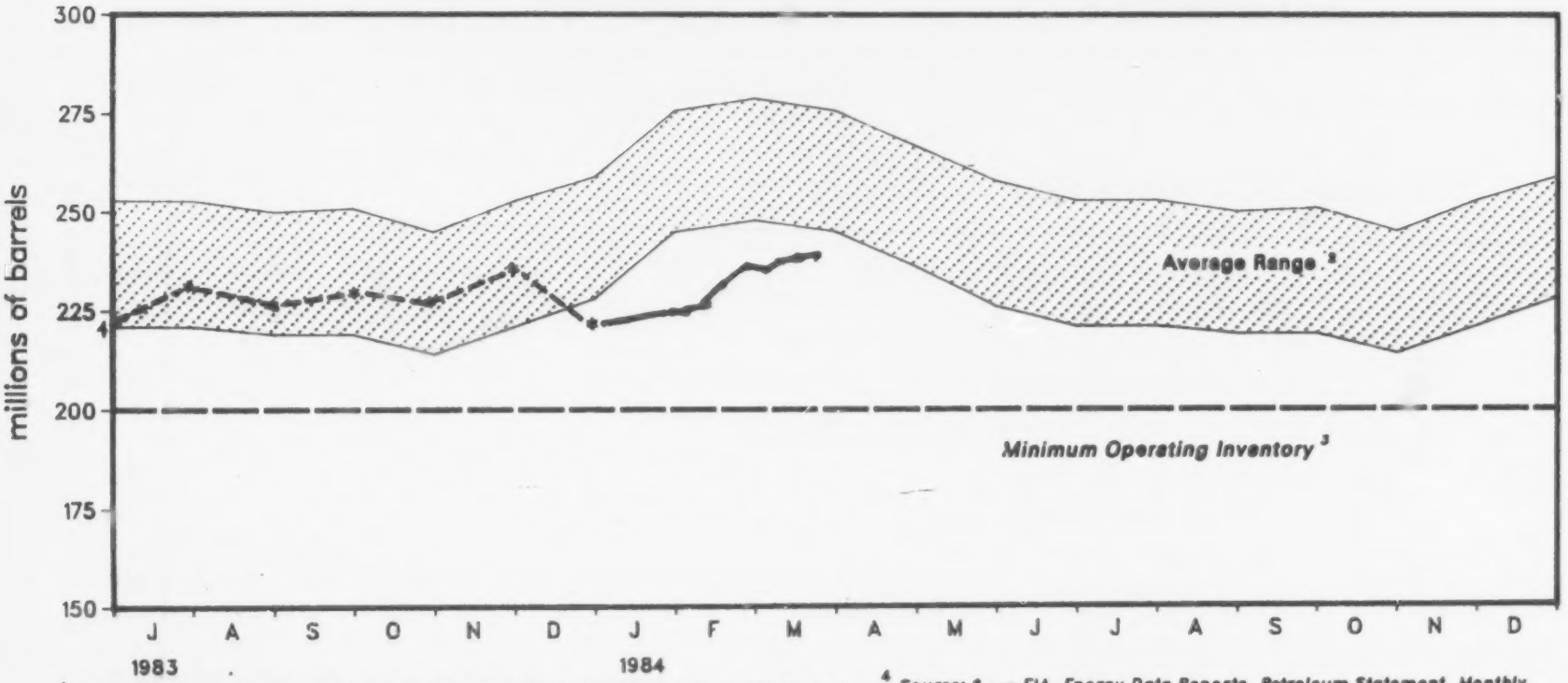
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

[4] Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
* -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended: March 23, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

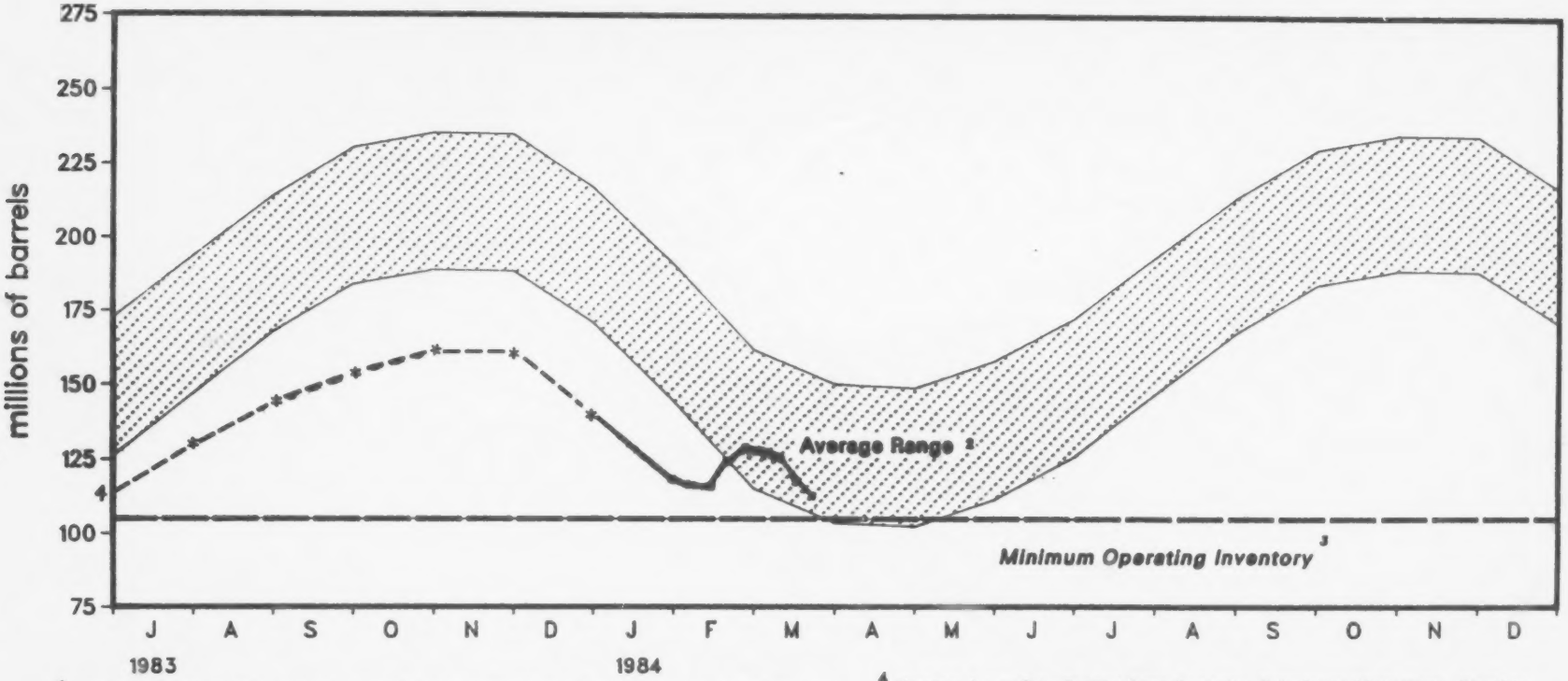
[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

[4] Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended: March 23, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

[4] Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
* -- API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.